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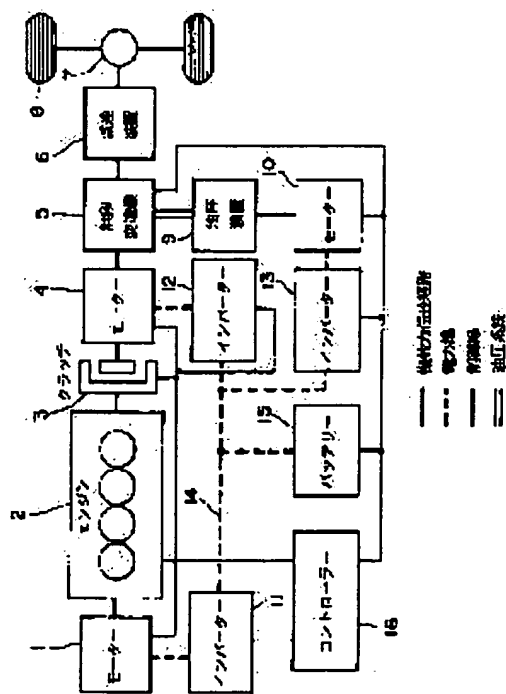
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(54) CONTROL DEVICE FOR PARALLEL-HYBRID VEHICLE

(57)Abstract:

PROBLEM TO BE SOLVED: To ensure output at time of backward travel in a parallel-hybrid vehicle having no reversing mechanism in its transmission.

SOLUTION: A control device for a parallel-hybrid vehicle which travels backward by releasing a clutch 3 to reverse a second motor 4, is provided with a propulsion mechanism, in which an engine 2 and a first motor 1 are connected to the input shaft of the clutch 3, the second motor 4 and the input shaft of a continuously variable transmission 5 are connected to the output shaft of the clutch 3, and power is transmitted from the output shaft of the continuously variable transmission 5 to driving wheels 8, and a battery 15 for performing acceptance and delivery of electric power between the first motor 1 and the second motor 4. Further, a capacity detecting means 16 for detecting the possible output capacity of the battery 15, and a power generation control means 16 which starts power generation by driving the first motor 1 by means of the engine 2 when the detected value of the possible output capacity during backward reaches a preset threshold value or less, are provided. Power to be supplied to the second motor 4 for vehicle-travelling, at the time of backward travelling, can thus be ensured, and it can be prevented that the output of the second motor 4 does not meet the required output.



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